

## CLAIMS

1. An information processing apparatus which includes:  
storing means for storing unprocessed information; and  
resuming means for resuming, in case that information  
processing is temporarily stopped and resumed, the information  
processing under a condition where the unprocessed information is  
stored in the storing means, and

the information processing apparatus comprising:  
invalidating means for invalidating information;  
means for making the invalidating means operable so that  
after the information is processed, the invalidating means  
invalidates the processed information; and  
limiting means for limiting, in case that the invalidating  
means is operable, the operation of the resuming means and  
resuming the information processing under a condition where part  
or all of the unprocessed information is deleted from the storing  
means.

2. An information processing apparatus which includes:  
storing means for storing unprocessed information; and  
resuming means for resuming, in case that information  
processing is temporarily stopped and resumed, the information  
processing under a condition where the unprocessed information is  
stored in the storing means, and

the information processing apparatus comprising:

means for additionally making operable invalidating means for invalidating, after information is processed, the processed information; and

limiting means for limiting, in case that the invalidating means is operable, the operation of the resuming means and resuming the information processing under a condition where part or all of the unprocessed information is deleted from the storing means.

3. An information processing apparatus according to claim 1 or 2, wherein

the resuming means is provided with means for maintaining a condition where the storing means stores the unprocessed information while the information processing is stopped.

4. An information processing apparatus according to one of claims 1 to 3, wherein

the unprocessed information comprises data to be processed and associated information associated with the data,

the storing means is provided with: first storing means for storing the data to be processed; and second storing means for storing the associated information including information necessary for reading out the data to be processed from the first storing means, and

the limiting means is structured so as to resume the

information processing under a condition where the associated information is deleted from the second storing means.

5. An information processing apparatus according to claim 4, wherein

the second storing means is structured so as to store the data to be processed, in a condition of being encrypted.